

Actual impact of heat pumps to energy performance of apartment buildings in Estonia

Reino, Arbo; Hamburg, Arvi 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/RTUCON48111.2019.8982370>

Advancements and restrictions of E-assessment in view of remote learning in engineering

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Analysis of cost function composition based on the horizon time prediction of an indirect MPC current control in single-phase grid-connected PV inverters

Pimentel, Sergio Pires; Husev, Oleksandr; Vinnikov, Dmitri; Stepenko, Serhii 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/RTUCON48111.2019.8982377>

Analysis of microgrid configuration effects on energy efficiency

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Analysis of oscillation suppression methods in the AC-AC stage of high frequency link converters

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Axial synchronous magnetic coupling modeling and printing with selective laser melting

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Combined active frequency drift islanding detection method for NZEB energy router

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Experimental efficiency and thermal parameters evaluation in Full-SiC Quasi-Z-Source inverter

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Flood prevention through condition monitoring of pumping stations

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Forecasting short term wind energy generation using machine learning

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Review of extended boost qZSI topologies for single phase applications

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Small signal model of the buck-boost bidirectional DC-AC converter based on unfolding circuit

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A stochastic nonlinear excitation controller for transient stabilization in a power system

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Wind and Solar energy optimal integration

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